WEST Search History

DATE: Tuesday, December 03, 2002

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB; PLUR=YES; OP=ADJ			
L5	L4 and (mel7 or mel 7 or cantaloupe)	12	L5
L4	L3 and (fruit specific or fruit associated or fruit preferred)	95	L4
L3	melon and promoter and fruit	430	L3
L2	mel7 or mel 7	10	L2
DB=USPT; PLUR=YES; OP=ADJ			
L1	mel7 or mel 7	7	L1

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1649axm

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28	Oct 21	EVENTLINE has been reloaded
NEWS 29	Oct 24	BEILSTEIN adds new search fields
NEWS 30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 32	Nov 18	DKILIT has been renamed APOLLIT
NEWS 33	Nov 25	More calculated properties added to REGISTRY
NEWS 34	Dec 02	TIBKAT will be removed from STN

NEWS EXPRESS	October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

FILE 'HOME' ENTERED AT 15:10:28 ON 03 DEC 2002

=> file agricola caplus biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'AGRICOLA' ENTERED AT 15:10:37 ON 03 DEC 2002

FILE 'CAPLUS' ENTERED AT 15:10:37 ON 03 DEC 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE 'BIOSIS' ENTERED AT 15:10:37 ON 03 DEC 2002

=> s mel7 or mel 7
L1 36 MEL7 OR MEL 7

=> s l1 and (cdna or gene or promoter)
L2 21 L1 AND (CDNA OR GENE OR PROMOTER)

=> d l1 ti

L1 ANSWER 1 OF 36 AGRICOLA
TI Analysis of physiological and molecular changes in melon (Cucumis melo L.) varieties with different rates of ripening.

=> d l1 ab

L1 ANSWER 1 OF 36 AGRICOLA
AB Seven melon varieties (Alpha, Delada, Marygold, Sirio, Topper, Tornado, and Viva) known to exhibit differences in their ripening behaviour were used in this study. The expression of mRNAs for ACC oxidase (MEL1) and phytoene synthase (MEL5), required for synthesis of ethylene and carotenoids, respectively, and two ripening-related cDNAs (MEL2 and **MEL7**), of unknown function, was examined and correlated with the development of colour and softening of fruits. The MEL2 and **MEL7** mRNAs were present and accumulated in all varieties, indicating their importance in melon fruit ripening. The fruits of Delada and Marygold did not show any change in the colour of the flesh even at 50 daa (days after anthesis). All other varieties changed colour from green to orange between 25-30 daa. The phytoene synthase mRNA levels in most varieties seemed to be unrelated to change in fruit flesh colour. The firmness of all the fruits was reduced significantly between 25 and 40 daa. The expression of ACC oxidase mRNA showed the most variation among the different varieties and was delayed in Sirio and undetectable in Marygold fruits even at 40 daa. Varieties with delayed expression of ACC oxidase mRNAs after anthesis also showed delayed softening during ripening. The prospects of genetic engineering and breeding for melon fruits with improved quality characteristics and extended storage life are discussed.

=> d 1-11 ti

L2 ANSWER 1 OF 21 AGRICOLA
TI Analysis of physiological and molecular changes in melon (Cucumis melo L.) varieties with different rates of ripening.

L2 ANSWER 2 OF 21 AGRICOLA
TI Characterization of two **cDNA** clones for mRNAs expressed during ripening of melon (Cucumis melo L.) fruits.

L2 ANSWER 3 OF 21 AGRICOLA
TI Identification of the alpha-galactosidase MEL genes in some populations of Saccharomyces cerevisiae: a new **gene** MEL11.

L2 ANSWER 4 OF 21 AGRICOLA
TI Polymeric genes MEL8, MEL9 and MEL10--new members of alpha-galactosidase **gene** family in Saccharomyces cerevisiae.

L2 ANSWER 5 OF 21 AGRICOLA
TI A new family of polymorphic genes in Saccharomyces cerevisiae: alpha-galactosidase genes MEL1-**MEL7**.

L2 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2002 ACS
TI Melon promoters for expression of transgene in plants in a fruit-specific and ripening-associated manner

L2 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2002 ACS
TI Characterization of two **cDNA** clones for mRNAs expressed during ripening of melon fruits and their use for plant breeding

L2 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2002 ACS
TI Analysis of physiological and molecular changes in melon (Cucumis melo L.) varieties with different rates of ripening

L2 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2002 ACS
TI Characterization of two **cDNA** clones for mRNAs expressed during ripening of melon (Cucumis melo L.) fruits

L2 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2002 ACS
TI Identification of the .alpha.-galactosidase MEL genes in some populations of Saccharomyces cerevisiae: a new **gene** MEL11

L2 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2002 ACS
TI Genetic mapping of the .alpha.-galactosidase MEL **gene** family on right and left telomeres of Saccharomyces cerevisiae

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3 11 DUP REM L2 (10 DUPLICATES REMOVED)

=> d 1-11 ti

L3 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2002 ACS
TI Melon promoters for expression of transgene in plants in a fruit-specific and ripening-associated manner

L3 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2002 ACS
TI Characterization of two **cDNA** clones for mRNAs expressed during ripening of melon fruits and their use for plant breeding

L3 ANSWER 3 OF 11 AGRICOLA DUPLICATE 1

TI Analysis of physiological and molecular changes in melon (Cucumis melo L.) varieties with different rates of ripening.

L3 ANSWER 4 OF 11 AGRICOLA DUPLICATE 2
TI Characterization of two **cDNA** clones for mRNAs expressed during ripening of melon (Cucumis melo L.) fruits.

L3 ANSWER 5 OF 11 AGRICOLA DUPLICATE 3
TI Identification of the alpha-galactosidase MEL genes in some populations of Saccharomyces cerevisiae: a new **gene** MEL11.

L3 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 4
TI Genetic mapping of the .alpha.-galactosidase MEL **gene** family on right and left telomeres of Saccharomyces cerevisiae

L3 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2002 ACS
TI MEL **gene** polymorphism in the genus Saccharomyces

L3 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2002 ACS
TI Physical mapping of the MEL **gene** family in Saccharomyces cerevisiae

L3 ANSWER 9 OF 11 AGRICOLA DUPLICATE 5
TI Polymeric genes MEL8, MEL9 and MEL10--new members of alpha-galactosidase **gene** family in Saccharomyces cerevisiae.

L3 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2002 ACS
TI Recombinant Rhizobium meliloti with improved nitrogen fixation capability

L3 ANSWER 11 OF 11 AGRICOLA DUPLICATE 6
TI A new family of polymorphic genes in Saccharomyces cerevisiae: alpha-galactosidase genes MEL1-**MEL7**.

=> d l1 1-5 ti

L1 ANSWER 1 OF 36 AGRICOLA
TI Analysis of physiological and molecular changes in melon (Cucumis melo L.) varieties with different rates of ripening.

L1 ANSWER 2 OF 36 AGRICOLA
TI Characterization of two cDNA clones for mRNAs expressed during ripening of melon (Cucumis melo L.) fruits.

L1 ANSWER 3 OF 36 AGRICOLA
TI Identification of the alpha-galactosidase MEL genes in some populations of Saccharomyces cerevisiae: a new gene MEL11.

L1 ANSWER 4 OF 36 AGRICOLA
TI Polymeric genes MEL8, MEL9 and MEL10--new members of alpha-galactosidase gene family in Saccharomyces cerevisiae.

L1 ANSWER 5 OF 36 AGRICOLA
TI A new family of polymorphic genes in Saccharomyces cerevisiae: alpha-galactosidase genes MEL1-**MEL7**.

=> s l1 and (melon or cantaloupe)
L4 8 L1 AND (MELON OR CANTALOUPE)

=> dup rem l4
PROCESSING COMPLETED FOR L4
L5 4 DUP REM L4 (4 DUPLICATES REMOVED)

=> d 1-4 ti

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS
TI **Melon** promoters for expression of transgene in plants in a fruit-specific and ripening-associated manner

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS
TI Characterization of two cDNA clones for mRNAs expressed during ripening of **melon** fruits and their use for plant breeding

L5 ANSWER 3 OF 4 AGRICOLA DUPLICATE 1
TI Analysis of physiological and molecular changes in **melon** (Cucumis melo L.) varieties with different rates of ripening.

L5 ANSWER 4 OF 4 AGRICOLA DUPLICATE 2
TI Characterization of two cDNA clones for mRNAs expressed during ripening of **melon** (Cucumis melo L.) fruits.

=> s s-adenosylmethionine hydrolase or samase or sam-k
L6 75 S-ADENOSYLMETHIONINE HYDROLASE OR SAMASE OR SAM-K

=> s l6 and plant?
L7 35 L6 AND PLANT?

=> dup rem l7
PROCESSING COMPLETED FOR L7
L8 29 DUP REM L7 (6 DUPLICATES REMOVED)

=> d 1-10 ti

L8 ANSWER 1 OF 29 CAPLUS COPYRIGHT 2002 ACS
TI Expression of a hypersensitive response elicitor gene in combination with other transgenes in **plants** to improve growth, stress tolerance, disease or insect resistance

L8 ANSWER 2 OF 29 CAPLUS COPYRIGHT 2002 ACS
TI Melon promoters for expression of transgene in **plants** in a fruit-specific and ripening-associated manner

L8 ANSWER 3 OF 29 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Reduced ethylene concentration and postharvest quality of transgenic netted melon (Cucumis melo L.) expressing **S-adenosylmethionine hydrolase**.

L8 ANSWER 4 OF 29 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Synthetic hybrid tomato E4/E8 **plant** promoter.

L8 ANSWER 5 OF 29 CAPLUS COPYRIGHT 2002 ACS
TI Genetic engineering of fruits and vegetables with the ethylene control gene encoding **S-adenosylmethionine hydrolase (SAMase)**

L8 ANSWER 6 OF 29 CAPLUS COPYRIGHT 2002 ACS
TI A hybrid **plant** promoter derived from the E4 and E8 fruit-specific promoters of tomato

L8 ANSWER 7 OF 29 CAPLUS COPYRIGHT 2002 ACS
TI Transgenic fruit **plants** with a modified fruiting phenotype arising altered ethylene biosynthesis and responsiveness

L8 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2002 ACS
TI Genetic engineering of cantaloupe to reduce ethylene biosynthesis and control ripening

L8 ANSWER 9 OF 29 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Use of **S-adenosylmethionine hydrolase** to
down regulate ethylene production in ripening fruit.

L8 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2002 ACS
TI Transformation methods for reduced ethylene formation in transgenic
strawberry and raspberry **plants**

=> s l8 and l1
L9 1 L8 AND L1

=> d ti

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
TI Melon promoters for expression of transgene in **plants** in a
fruit-specific and ripening-associated manner

=> d pi

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001071013	A2	20010927	WO 2001-US8430	20010316

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002133850	A1	20020919	US 2001-811093	20010316

=> s mel7 and ethylene
L10 8 MEL7 AND ETHYLENE

=> dup rem l10\
ENTER L# LIST OR (END):dup rem l10
DUP IS NOT VALID HERE
The L-number entered has not been defined in this session, or it
has been deleted. To see the L-numbers currently defined in this
session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> dup rem l10
PROCESSING COMPLETED FOR L10
L11 4 DUP REM L10 (4 DUPLICATES REMOVED)

=> d 1-4 ti

L11 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS
TI Melon promoters for expression of transgene in plants in a fruit-specific
and ripening-associated manner

L11 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS
TI Characterization of two cDNA clones for mRNAs expressed during ripening of
melon fruits and their use for plant breeding

L11 ANSWER 3 OF 4 AGRICOLA DUPLICATE 1
TI Analysis of physiological and molecular changes in melon (Cucumis melo L.)

varieties with different rates of ripening.

L11 ANSWER 4 OF 4 AGRICOLA DUPLICATE 2
TI Characterization of two cDNA clones for mRNAs expressed during ripening of melon (Cucumis melo L.) fruits.